

## GIS REGISTRY INFORMATION

SITE NAME:	Lipha Tech		
BRRTS # and FID #:	<b>0268274448 268168340</b>		
CLOSURE DATE:	02/13/2003		
STREET ADDRESS:	S11 W30000 Hwy 18		
CITY:	Delafield		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):			
	X=	654641	Y= 284965

OFF-SOURCE CONTAMINATION (>ES): <small>(if there are more than 2 off-source properties, make a note and attach additional sheet(s))</small>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
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IF YES, STREET ADDRESS 1: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection):	X=	Y=	
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IF YES, STREET ADDRESS 2: \_\_\_\_\_

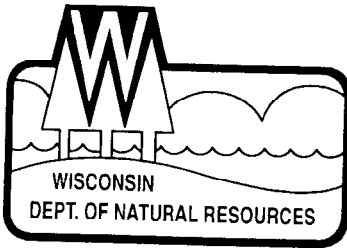
GPS COORDINATES (meters in WTM91 projection):	X=	Y=	
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CONTAMINATION IN RIGHT OF WAY:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
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CONTAMINATED MEDIA: (Groundwater, Soil or Both?)	g w
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### DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	x	
Copy of most recent deed, including legal description, for all affected properties	x	
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties	x	
County Parcel ID number, if used for county, for all affected properties		
Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy)	x	
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy)	x	
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	x	
Isoconcentration map(s), if available from site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of contamination defined. If not available, include the following 2 types of maps:		
Latest groundwater flow/monitoring well location map	x	
Latest extent of contaminant plume map		
Geologic cross-sections, if available from SI. (8.5x14" if paper copy)	x	
RP certified statement that legal descriptions are complete and accurate	x	
Copies of off-source notification letters (if applicable)		
Letter informing ROW owner of residual contamination (if applicable)		
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.		



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Gloria L. McCutcheon, Regional Director

Plymouth Service Center  
1155 Pilgrim Road  
P.O. Box 408  
Plymouth, Wisconsin 53073-0408  
Telephone 414-892-8756  
FAX 414-892-6638

February 13, 2003

Lipha Tech, Inc.  
Jim Finstead  
3101 W. Custer Ave.  
Milwaukee, WI 53209

Dear Mr. Finstead:

Subject: Case closure, Lipha Tech property at S11 W30000 Hwy 18, Town of Delafield, file reference FID #268168340 ERR-LUST, underground storage tank and former well next to oil house issues only

Your case meets the requirements of ch. NR 726, Wis. Adm. Code and is considered closed by the department. However, the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare or the environment. Please have your consultant abandon all the monitoring wells at the site. The remaining soil issue with PAH's (in the areas known to have PAH contamination) remains an open case.

### Monitoring Well Abandonment

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at [www.dnr.state.wi.us/org/water/dgw/gw/](http://www.dnr.state.wi.us/org/water/dgw/gw/) or provided by the department. Send the well abandonment forms to me within 90 days to avoid making the case active again.

### Waste and Soil Pile Removal

Any remaining waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining waste and/or soil piles have been removed if that work is needed.

If any remaining contaminated soil is excavated in the future, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The owner will also have to properly store, treat, or dispose of any excavated materials, based upon the results of that characterization, and take special precautions during excavation activities to prevent a direct contact threat to humans. The purpose of the notice is to notify all future owners that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation.

Geographic Information System (GIS)

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

Regarding PECFA, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

If you have any questions about this letter, please call me at 920-892-8756 extension 3023.

Sincerely,

John Feeney  
Wisconsin Department of Natural Resources

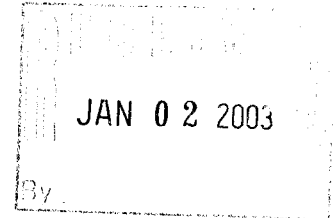
Cc: BT2 Inc.  
SER File



GIS Packet  
~~the closure request~~ 11/14/02  
**Environmental Engineering and Science**

December 19, 2002

Mr. John Feeney  
WDNR Plymouth Service Center  
1155 Pilgrim Road  
P.O. Box 408  
Plymouth, Wisconsin 53073-0408



**SUBJECT: Closure Request – Underground Storage Tank System  
LiphaTech Property, S11W30000 Hwy 18, Town of Delafield, Wisconsin  
BT² Project #2029A  
FID #268168340**

Dear Mr. Feeney:

LiphaTech requests that the Wisconsin Department of Natural Resources (WDNR) issue a letter stating the underground storage tank (UST) issues on the above-mentioned property are closed. The letter is needed to prepare a PECFA claim for this site.

In prior conversations, the WDNR has indicated that the UST area investigation is complete and no further action on the UST issues is needed. In the October 30, 2001, and February 7, 2002 WDNR response letters to UST investigation work done at this property, the WDNR made recommendations regarding the site. Illustrated below are your recommendations and the subsequent actions taken by BT² to address these issues.

**WDNR Closure Recommendations vs. BT² Actions Taken**

WDNR Closure Recommendation	BT² Action
The abandoned water supply well should be cleaned out, purged, sampled, and properly abandoned in accordance with Drinking and Groundwater Program regulations ...	This water supply well, to the north of the oil house, was abandoned on December 17, 2001. A WDNR abandonment form was included as <i>Appendix D in the January 2002 Site Investigation Report / Closure Request.</i>
Determine if surface water discharge limits are being exceeded in the pond near the former tank area.	A sample was collected from the pond to the north of MW3 on December 14, 2001. The samples showed no detections for PVOCs.
Sample the existing water supply well for VOC's, PAH's, and RCRA metals. The well should be abandoned if it has been out of use for more than two years ...	The water supply well was sampled on March 21, 2002 for VOC's, PAH's, and RCRA metals. The results showed no detections for these compounds above the NR 140 PAL. BT² further addressed this issue in a correspondence to you dated November 26, 2002.
Determine the extent and source areas for direct-contact PAH exceedances ...	The PAH exceedances in the soil have been found to be unrelated to the UST system.
GIS Registration	Registration materials are attached to this letter.

opened  
new  
case x  
MW  
1-21-03

### **Justification for Site Closure**

As discussed in the Site Investigation Report / Closure Request submitted by BT<sup>2</sup> in January 2002, we have met the closure criteria under NR 726 for the UST site. In the report, we acknowledged that information for the GIS registry for groundwater would be submitted under separate cover. The GIS Registration material for groundwater is provided as part of this letter.

### **GIS Registry Information**

Some of the groundwater GIS registry material was provided in a January 14, 2002 letter from James A. Finstad to the WDNR.

#### *GIS Registry Fee*

The GIS registry fee of \$250.00 was sent on January 14, 2002.

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#### *Property Deed and Legal Description*

The property deed and legal description are included as **Attachment A**.

#### *A Copy of Certified Survey Map or the Relevant Section of a Recorded Plat Map*

A certified survey map and a relevant section of a recorded plat map are available in **Attachment B**.

#### *Parcel Identification Number*

The parcel identification number for the subject site located at S11 W30000 Hwy 18, Town of Delafield, Wisconsin is DELT 0853 099.

#### *Site Maps, Figures, and Tables*

The site figures required for GIS registry are included in hard copy under the figures attachment to this document, and in PDF format in the enclosed CD-ROM attachment. The relevant figures for GIS registry are: the site location map (**Figure 1**), site plan (**Figure 2**), groundwater PVOC analytical results summary map (**Figure 3**), groundwater benzene isoconcentration map for October 5, 2001 (**Figure 4**), water table contour map for October 5, 2001 (**Figure 5**), cross section location map (**Figure 6**), and geologic cross section A-A' (**Figure 7**).

The table required for GIS registry is attached to this document (**Table 1**). A groundwater elevation measurement table was not included because only two rounds of measurements were taken at this site.

#### *Responsible Party Legal Description Certification Letter*

A letter from the responsible party certifying that the attached legal description is complete and correct was sent to the WDNR by the landowner. A copy of the letter is included as **Attachment C**.

#### *Landowner Notification Letter*

This requirement is not applicable for this site. Based on the site investigation results, there is no groundwater contamination greater than the NR 140 enforcement standards (ES) located outside the property owned by the responsible party.

*Right-of-Way Notification*

This requirement is not applicable for this site.

*Site Geographic Position*

The site is less than 200 feet wide or long so one arbitrary point within the subject property has been defined using the WDNR GIS registry website topographic map at a scale of 1:936. The point is defined by WTM91 coordinates as: 654641, 284965. An aerial photograph highlighting these WTM91 coordinates was included as part of *Appendix G of the January 2002 Site Investigation Report / Closure Request*.

A CD-Rom, containing figures in Adobe Acrobat (.pdf) format is included in **Attachment D**.

**Request to Maintain Monitoring Wells**

We would like to maintain monitoring wells at the LiphaTech property until non-UST system contamination issues are granted site closure in the event further groundwater sampling is required to address non-UST issues. The reasoning for this request is to eliminate potential costs if the non-UST system contamination issues shifted focus from soil to groundwater at any point prior to this site being granted closure.

If you have any questions about this request, please contact us at (608) 224-2830.

Sincerely,  
BT<sup>2</sup>, Inc.



Chris Jimleson  
Project Engineer



Tom Bergamini, P.G.  
Project Manager

Enclosures:	Figure 1	Site Location Map
	Figure 2	Site Plan
	Figure 3	Groundwater PVOC Analytical Results Summary Map
	Figure 4	Groundwater Benzene Isoconcentration Map for October 5, 2001
	Figure 5	Water Table Map for October 5, 2001
	Figure 6	Cross Section Location Map
	Figure 7	Geologic Cross Section A-A'
	Table 1	Groundwater Analytical Results Summary – VOCs and Lead
	Attachment A	Copy of the Most Recent Deed
	Attachment B	Certified Survey Map and Recorded Plat Map
	Attachment C	Legal Description Certification Letter
	Attachment D	CD with Figures for GIS Registry

cc: Mr. James Finstad, NITRAGIN, Inc.  
Mr. Buck Sweeney, Michael Best & Friedrich  
Mr. Paul Kent, Davis & Kuelthau, S.C.

I:\2029\Corresp-Agency\Feeney\_ClosureRequest\_021218\_ltr.doc

MAY 24 00 00 02 61



WC2562985-003

2562985

REGISTER'S OFFICE  
WAUKESHA COUNTY, WI  
RECORDED ON

05-24-2000 9:39 AM

MICHAEL J. HASSLINGER  
REGISTER OF DEEDSREC. FEE: 8.00  
REC. FEE-CO: 4.00  
REC. FEE-ST: 2.00  
TRAN. FEE:  
TRAN. FEE-STATE:  
PAGES: 3

## QUIT CLAIM DEED

Document Number

Document Title

Lipha Pharmaceuticals, Inc. f/k/a Lipha Chemicals, Inc., a New York corporation, as the successor by merger to The Nitragin Company, Inc., a Delaware corporation, quit claims to LiphaTech, Inc., a Delaware corporation, certain real estate located in Waukesha County, Wisconsin described on Exhibit A attached hereto and incorporated herein.

This is not homestead property.

Dated this 15<sup>th</sup> day of May, 2000.

Lipha Pharmaceuticals, Inc. f/k/a Lipha Chemicals, Inc. as the successor by merger to The Nitragin Company, Inc.

By: Anita Goodman, M.D.  
Anita Goodman, M.D., Executive Vice President

Attest: Edwin S. Matthews, Jr.  
Edwin S. Matthews, Jr., Secretary

Recording Area

Name and Return Address:  
Timothy J. Voeller, Esq.  
Michael Best & Friedrich LLP  
100 East Wisconsin Avenue  
Suite 3300  
Milwaukee, WI 53202

PIN:

## ACKNOWLEDGMENT

STATE OF NEW YORK )  
 ) ss.  
COUNTY OF NEW YORK )

FEE  
# 77.25 (1)  
EXEMPT

Personally came before me this 15<sup>th</sup> day of May, 2000, the above named Anita Goodman, M.D. and Edwin S. Matthews, Jr., who acknowledged that they are the Executive Vice President and Secretary, respectively of Lipha Pharmaceuticals, Inc. f/k/a Lipha Chemicals, Inc. as the successor by merger to The Nitragin Company, Inc., and to me known to be the persons who executed the foregoing instrument as such officers for such corporation, by its authority, and acknowledged the same.

Christine Tilley  
Notary Public, State of \_\_\_\_\_  
My commission: \_\_\_\_\_

This instrument drafted by:  
Timothy J. Voeller, Esq.  
Michael Best & Friedrich LLP

CHRISTINE TILLEY  
NOTARY PUBLIC, State of New York  
No. 31-4671936  
Qualified in New York County  
Commission Expires May 31, 2002

**EXHIBIT A****LEGAL DESCRIPTIONS**

Grantor: Lipha Pharmaceuticals, Inc. f/k/a Lipha Chemicals, Inc., a New York corporation, as the successor by merger to The Nitragin Company, Inc., a Delaware corporation

Grantee: LiphaTech, Inc., a Delaware corporation

**PARCEL A:**

All that part of the Southwest 1/4 of the Northeast 1/4 of Section 34, Town 7 North, Range 18 East, Town of Delafield, County of Waukesha, State of Wisconsin, bounded and described as follows:

Commencing at the Northwest corner of the said Northeast 1/4 of Section 34; thence South 01° 14' 04" East along the West line of the said Northeast 1/4, 1338.56 feet to the Northwest corner of the Southwest 1/4 of the Northeast 1/4 of Section 34, and point of beginning of the lands herein described; thence North 88° 01' 45" East along the North line of the said Southwest 1/4, 1323.66 feet to the Northeast corner of the said Southwest 1/4; thence South 01° 32' 21" East along the East line of the said Southwest 1/4, 427.46 feet; thence South 88° 01' 45" West 1325.93 feet to a point on the West line of the said Northeast 1/4; thence North 01° 14' 04" West along said West line 427.48 feet to the point of beginning.

EXCEPTING THEREFROM that part conveyed by Warranty Deed recorded as Document No. 1330522 and re-recorded as Document No. 1514178.

Tax Key No. DELT 0853.999.001

ADDRESS: S11 W30000 Hwy 18

**PARCEL B:**

The South 1/2 of the Southeast 1/4 of Section 27; thence North 1/2 of the Northeast 1/4 of Section 34; and the Southeast 1/4 of the Northeast 1/4 of Section 34; all in Town 7 North, Range 18 East, Town of Delafield, County of Waukesha, State of Wisconsin.

EXCEPTING THEREFROM that part conveyed by Warranty Deed recorded as Document No. 1330522 and re-recorded as Document No. 1514178.

FURTHER EXCEPTING THEREFROM a parcel containing 5 acres located in the Northwest corner of the Southwest 1/4 of the Southeast 1/4 of said Section 27, as described in Deed recorded in Volume 100 of Deeds, on Page 582, as Document Mo. 45491.

ALSO; the East 3 rods of the Northwest 1/4 of the Southeast 1/4 of said Section 27, Town 7 North, Range 18 East, in the Town of Delafield, County of Waukesha, State of Wisconsin.



Tax Key No. DELT 0853.999

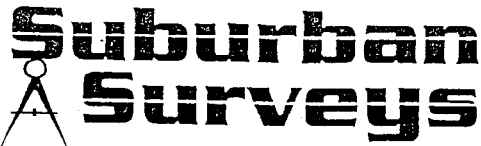
ADDRESS: S11 W3000 Hwy 18

PARCEL C:

All that part of the Southeast 1/4 of Section 34, Town 7 North, Range 18 East, Town of Delafield, County of Waukesha, State of Wisconsin, bounded and described as follows:  
Beginning at the Northeast corner of the Southeast 1/4 of Section 34; thence South 00° 59' 28" East along the East line of said Southeast 1/4, 1432.40 feet to a point on the North right-of-way line of State Trunk Highway 18; thence South 89° 00' 32" West along said North right-of-way line, 33.00 feet; thence South 00° 59' 28" East parallel to the East line of said Southeast 1/4 and along the North right-of-way line of U.S. Highway 18, 92.88 feet; thence South 83° 32' 24" West along said North right-of-way line, 33.15 feet; thence North 00° 59' 28" East parallel to and 66 feet West of as measured normal to the East line of said Southeast 1/4, 830.13 feet; thence North 38° 57' 46" West, 794.11 feet; thence North 61° 34' 40" West, 49.46 feet; thence North 77° 11' 53" West, 158.57 feet to a point on the North line of the Southeast 1/4 of Section 34; thence North 88° 13' 53" East along said North line, 751.75 feet to the place of beginning.

Tax Key No. DELT 0856.984

ADDRESS: S11 W3000 Hwy 18



**& Engineering, Inc.**

Phone: 414 • 542-8844

FAX: 414 • 542-3384

1407 E. Sunset Drive • Suite 100 • Waukesha, WI 53186

November 21, 1994

**Description**

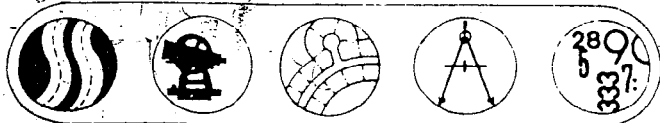
For Demilco Division/ Nitragin Sales

Lands encompassed by Tax Key No's 853.999, 853.999-001 and 856.984 located in the Town of Delafield, Waukesha County, Wisconsin.

All that part of the Southeast one-quarter of Section 27 and the Northeast one-quarter and Southeast one-quarter of Section 34, Town 7 North, Range 18 East, Town of Delafield, Waukesha County, Wisconsin, bounded and described as follows:

Beginning at the Northeast corner of the Northeast one-quarter of Section 34; thence South  $01^{\circ}50'30''$  East along the East line of said Northeast one-quarter 2695.70 feet to the Northeast corner of the Southeast one-quarter of Section 34; thence South  $00^{\circ}59'28''$  East along the East line of said Southeast one-quarter 1432.40 feet to a point on the North right-of-way line of U.S.H. "18"; thence South  $89^{\circ}00'32''$  West along said North right-of-way line 33.00 feet; thence South  $00^{\circ}59'28''$  East parallel to the East line of said Southeast one-quarter and along the aforementioned North right-of-way line 92.88 feet; thence South  $83^{\circ}32'24''$  West along the North right-of-way line of U.S.H. "18" 33.15 feet; thence North  $00^{\circ}59'28''$  West parallel to and 66 feet West of as measured normal to the East line of the aforementioned Southeast one-quarter 830.13 feet; thence North  $38^{\circ}57'46''$  West 794.11 feet; thence North  $61^{\circ}34'40''$  West 49.46 feet; thence North  $77^{\circ}11'53''$  West 158.57 feet to the Southwest corner of the Southeast one-quarter of the Northeast one-quarter of Section 34; thence North  $01^{\circ}32'21''$  East along the West line of the Southeast one-quarter of said Northeast one-quarter 915.73 feet; thence South  $88^{\circ}01'45''$  West parallel to the North line of the Southeast one-quarter of the aforementioned Northeast one-quarter 1325.93 feet to a point on the West line of the Northeast one-quarter of Section 34; thence North  $01^{\circ}14'64''$  East along said West line 146.04 feet; thence North  $87^{\circ}28'41''$  East 264.00 feet; thence North  $01^{\circ}21'28''$  West 1871.10 feet; thence North  $01^{\circ}44'14''$  West parallel to the West line of the Southeast one-quarter of Section 27, 824.06 feet to a point on the North line of the Southwest one-quarter of the Southeast one-quarter of Section 27; thence North  $88^{\circ}27'59''$  East along said North line 1001.36 feet; thence North  $01^{\circ}48'34''$  West parallel to and 49.50 feet West of as measured normal to the East line of the Northwest one-quarter of the Southeast one-quarter of Section 27, 1344.33 feet to a point on the North line of said Southeast one-quarter being located in Bryn Drive; thence North  $89^{\circ}06'37''$  East along said North line 49.50 feet to the Northeast corner of the Northwest one-quarter of the Southeast one-quarter of Section 27; thence South  $01^{\circ}48'34''$  East along the East line of the Northwest one-quarter of said Southeast one-quarter 1343.89 feet to the Southeast corner of the Northwest one-quarter of the aforementioned Southeast one-quarter; thence North  $88^{\circ}27'59''$  East along the North line of the Southeast one-quarter of the Southeast one-quarter of Section 27, 1314.8 feet to the Northeast corner of the Southeast one-quarter of said Southeast one-quarter; thence South  $01^{\circ}53'00''$  East along the East line of the

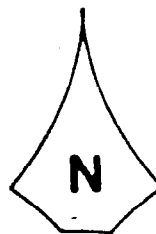
aforementioned Southeast one-quarter 1329.13 feet to the point of beginning, containing 206.799 acres.



SURVEYING PLANNING ENGINEERING COMPUTING

17620 W. National Ave.  
New Berlin, Wisconsin 53151  
414-784-7971

## PLAT OF SURVEY

FOR: THE NITRAGIN CO.

SCALE 1" = 200'

O- INDICATES IRON PIPE

All that part of the Northeast one-quarter and Northwest one-quarter of the Northwest one-quarter of Section 34, Town 7 North, Range 18 East, Town of Delafield, Waukesha County, Wisconsin, bounded and described as follows:

Beginning at the Northeast corner of the Northwest one-quarter of Section 34; thence South  $01^{\circ}14'04''$  East along the East line of said Northwest one-quarter 810.00 feet; thence South  $87^{\circ}49'41''$  West 1399.12 feet; thence North  $00^{\circ}48'47''$  West 810.04 feet to a point on the North line of the aforementioned Northwest one-quarter; thence North  $87^{\circ}49'29''$  East along said North line 1393.16 feet to the place of beginning, containing 1,130,668 square feet or 25.957 acres.

N87°49'29"E

1393.16

NORTH LINE OF THE NORTHWEST 1/4 OF SECTION 34

NORTHEAST CORNER  
OF THE NORTHWEST 1/4  
OF SECTION 34, T7N, R18E

810.04

N00°48'47"W

EAST LINE OF THE NORTHWEST 1/4 OF SECTION 34

810.00

S01°14'04"E

To Be Conveyed To Adjacent Property Owner

S87°49'41"W

1399.12'

## CERTIFICATION

"I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY, AND THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF AND SHOWS THE SIZE AND LOCATION OF THE PROPERTY, ITS EXTERIOR BOUNDARIES, THE LOCATION AND DIMENSIONS OF ALL STRUCTURES THEREON, FENCES, APPARENT EASEMENTS AND ROADWAYS AND VISIBLE ENCROACHMENTS, IF ANY. THIS SURVEY IS MADE FOR THE EXCLUSIVE USE OF THE PRESENT OWNERS OF THE PROPERTY, AND ALSO THOSE WHO PURCHASE, MORTGAGE, OR GUARANTEE THE TITLE THERETO, WITHIN ONE (1) YEAR FROM DATE HEREOF; AND AS TO THEM I HEREBY CERTIFY THAT SAID SURVEY AND THE ABOVE MAP WERE MADE IN ACCORDANCE WITH ACCEPTABLE PROFESSIONAL STANDARDS AND THAT THE INFORMATION CONTAINED THEREON IS, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF A TRUE AND ACCURATE REPRESENTATION THEREOF."

DATED THIS 4th DAY OF JANUARY, 1984

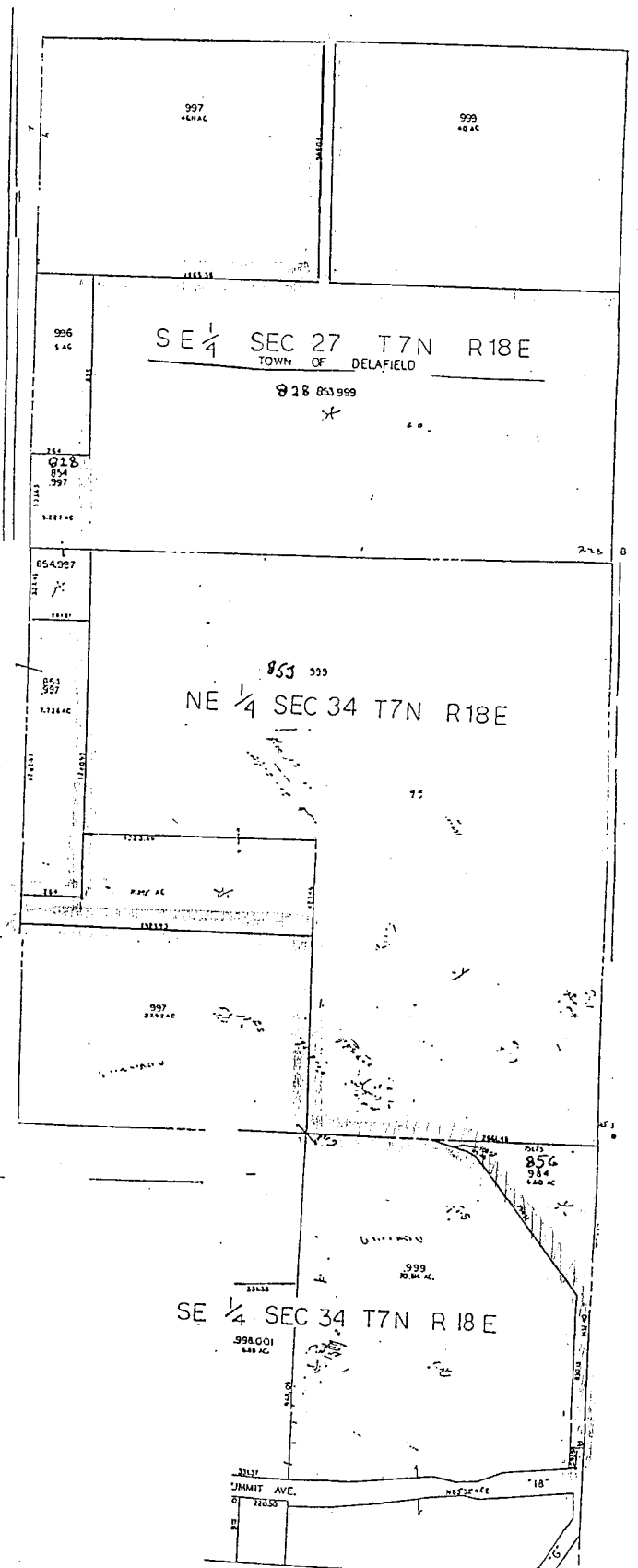
*Claude L. Johnson, Jr.*  
REGISTERED LAND SURVEYOR




DRAFTED BY GREG L. BARLOW

JOB NO. 83-208

TOWN OF DELAFIELD  
WAUKESHA COUNTY  
WISCONSIN





  
 1/2" = 27 MILES  
 0"54' = 18 MILES  
 UTM GRID AND 1994 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET

**HARTLAND, WIS.**  
 SE/4 HARTLAND 15' QUADRANGLE  
 43088-A3-TF-024

1959  
 REVISED 1994  
 DMA 3370 III SE - SERIES V861



PROJECT NO. 2029A

DRAWN BY: KP

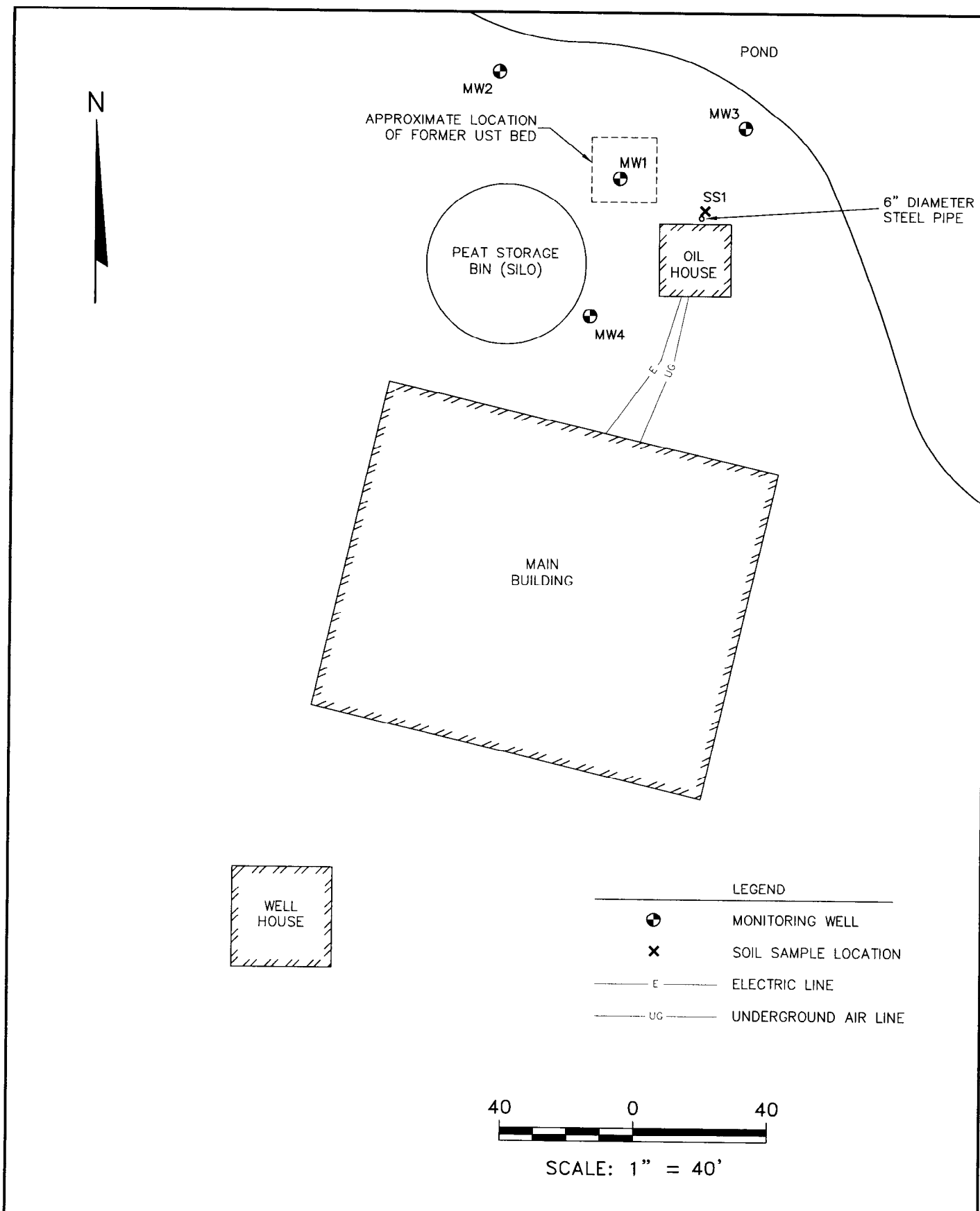
CHECKED BY: CJ

DRAWN: 10/03/01

SCALE: 1" = 2,000'

FIGURE 1  
 SITE LOCATION MAP  
 LIPHATECH, INC.  
 DELAFIELD, WISCONSIN





PROJECT NO. 2029A

DRAWN BY: KP/CS

CHECKED BY: CJ

DRAWN: 10/03/01

REVISED: 10/25/02

FIGURE 2  
SITE PLAN  
LIPHATECH PROPERTY  
DELAFIELD, WISCONSIN



N

MW2

POND

DATE	GRO	DRO	B	E	T	X	TMB	MTBE
8/27/01	<50	210	<0.31	<0.38	<0.39	<1.1	<0.65	<0.14
10/5/01	<50	120	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16

MW3

DATE	GRO	DRO	B	E	T	X	TMB	MTBE
8/27/01	1,200	370	1.1	31	2.6	130	84	<0.42
10/5/01	620	370	<0.23	26	1.6	69	65	<0.14

PEAT STORAGE  
BIN (SILO)

MW1

SS1

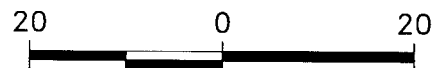
6" DIAMETER  
STEEL PIPEOIL  
HOUSE

MW4

DATE	GRO	DRO	B	E	T	X	TMB	MTBE
8/27/01	<50	280	<0.31	<0.38	<0.39	<1.1	<0.65	<0.14
10/5/01	<50	160	<0.13	0.24	<0.20	0.35	<0.51	<0.16

## LEGEND

	MONITORING WELL
	SOIL SAMPLE LOCATION
	ELECTRIC LINE
	UNDERGROUND AIR LINE
DRO	DIESEL RANGE ORGANICS (ug/l)
GRO	GASOLINE RANGE ORGANICS (ug/l)
B	BENZENE (ug/l)
E	ETHYLBENZENE (ug/l)
T	TOLUENE (ug/l)
X	XYLENES (ug/l)
TMB	1,2,4- PLUS 1,3,5-TRIMETHYLBENZENE (ug/l)
MTBE	METHYL-TERT-BUTYL ETHER (ug/l)

MAIN  
BUILDING

SCALE: 1" = 20'

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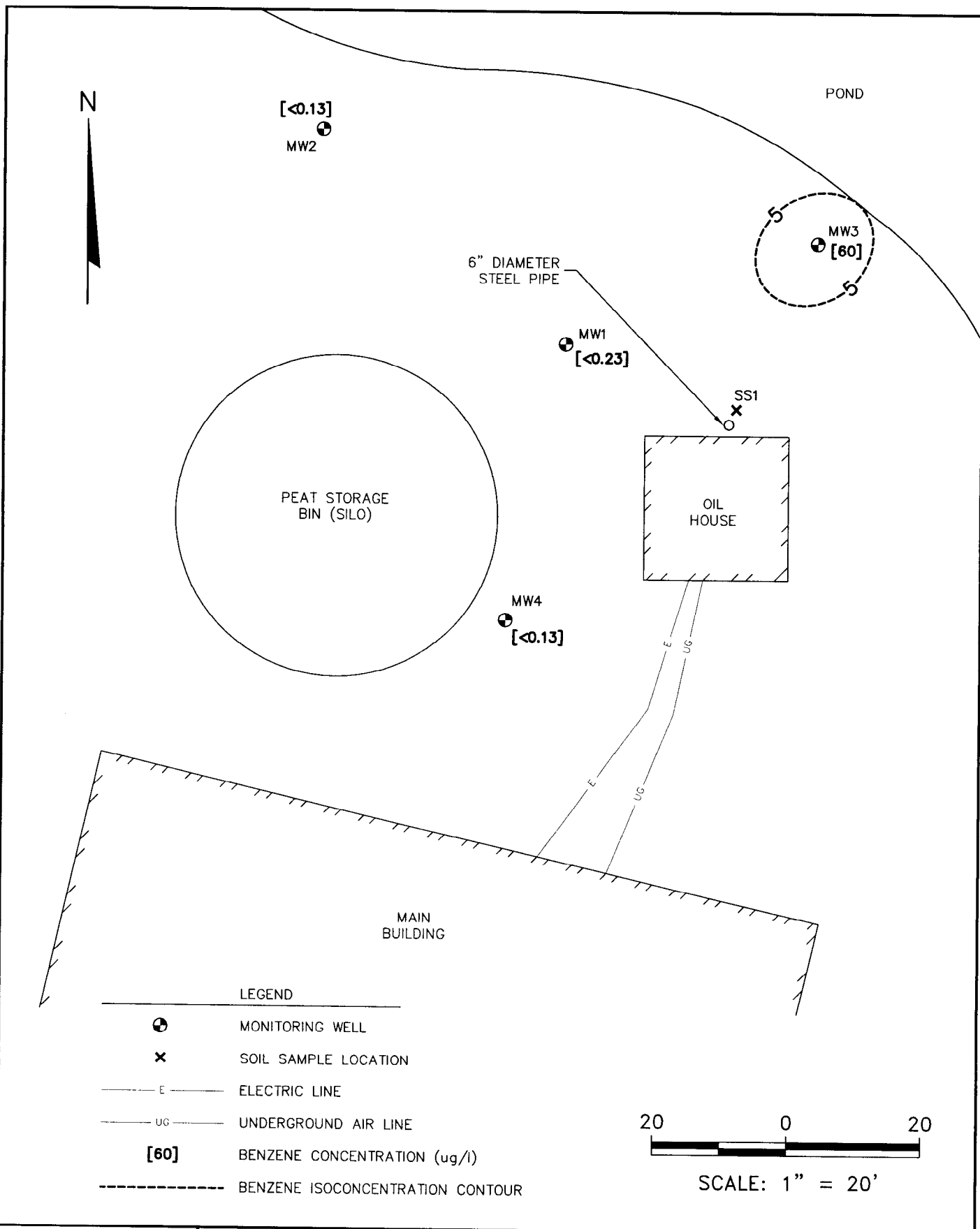
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FIGURE 3  
GROUNDWATER PVOC ANALYTICAL RESULTS SUMMARY  
LIPHATECH PROPERTY  
DELAFIELD, WISCONSIN

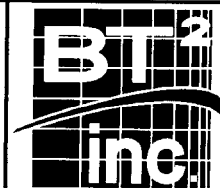






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FIGURE 4  
GROUNDWATER BENZENE ISOCONCENTRATION MAP  
OCTOBER 5, 2001  
LIPHATECH PROPERTY  
DELAFIELD, WISCONSIN



**Table 1**  
**Groundwater Analytical Results Summary - VOCs and Lead**  
**LiphaTech Property (S11W30000 Hwy. 18) / Project #2029A**  
(Results are in µg/l)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Lead	Other VOCs
MW1	8/27/01	(1)	370	1,200	1.1	31	2.6	130	84	<0.14	<1.2	sec-Butylbenzene 0.80 Isopropylbenzene 3.7 p-Isopropyltoluene 0.49 Naphthalene 4.7 n-Propylbenzene 1.1
	10/5/01	(2)	370	620	<0.23	26	1.6	69	65	<0.42	NA	NA
MW2	8/27/01	(3)	210	<50	<0.31	<0.38	<0.39	<1.1	<0.65	<0.14	<1.2	Methylene chloride 1.1
	10/5/01	--	120	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	NA
MW3	8/27/01	--	290	520	<b>57</b>	88	37	240	0.80	<0.14	<1.2	ND
	10/5/01	(4)	140	640	<b>60</b>	140	26	240	1.8	<0.22	NA	NA
	10/5/01 Dup	(4)	160	360	<b>59</b>	140	26	240	1.6	<0.18	NA	NA
Pond @ MW3	12/14/01	--	NA	NA	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	NA
MW4	8/27/01	--	280	<50	<0.31	<0.38	<0.39	<1.1	<0.65	<0.14	<1.2	ND
	10/5/01	--	160	<50	<0.13	0.24	<0.20	0.35	<0.51	<0.16	NA	NA
Water Supply Well	3/21/02	(5)	NA	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<1.2	ND
Rinsate Blank	8/27/01	--	NA	<50	<0.31	<0.38	<0.39	<1.1	<0.65	<0.14	NA	ND
	10/5/01	--	NA	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	NA
Trip Blank	8/27/01	--	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	10/5/01	(6)	NA	<50	<0.13	<0.22	0.26	0.42	<0.51	<0.16	NA	NA
	12/14/01	(7)	NA	NA	<0.13	<0.22	0.22	<0.23	<0.51	<0.16	NA	NA

**Table 1 (Continued)**  
**Groundwater Analytical Results Summary - VOCs and Lead**

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Lead	Other VOCs
NR 140 Enforcement Standards (ES)			NE	NE	5	700	1,000	10,000	480	60	15	Methylene chloride 5 Naphthalene 40
NR 140 Preventive Action Limits (PAL)			NE	NE	0.5	140	200	1,000	96	12	1.5	Methylene chloride 0.5 Naphthalene 8

**ABBREVIATIONS:**

DRO = Diesel Range Organics

VOCs = Volatile Organic Compounds

ES = Enforcement Standard

GRO = Gasoline Range Organics

NA = Not Analyzed

PAL = Preventive Action Limit

TMB = 1,2,4- and 1,3,5-Trimethylbenzene

ND = Not Detected

MTBE = Methyl-tert-butyl ether

NE = No Standard Established

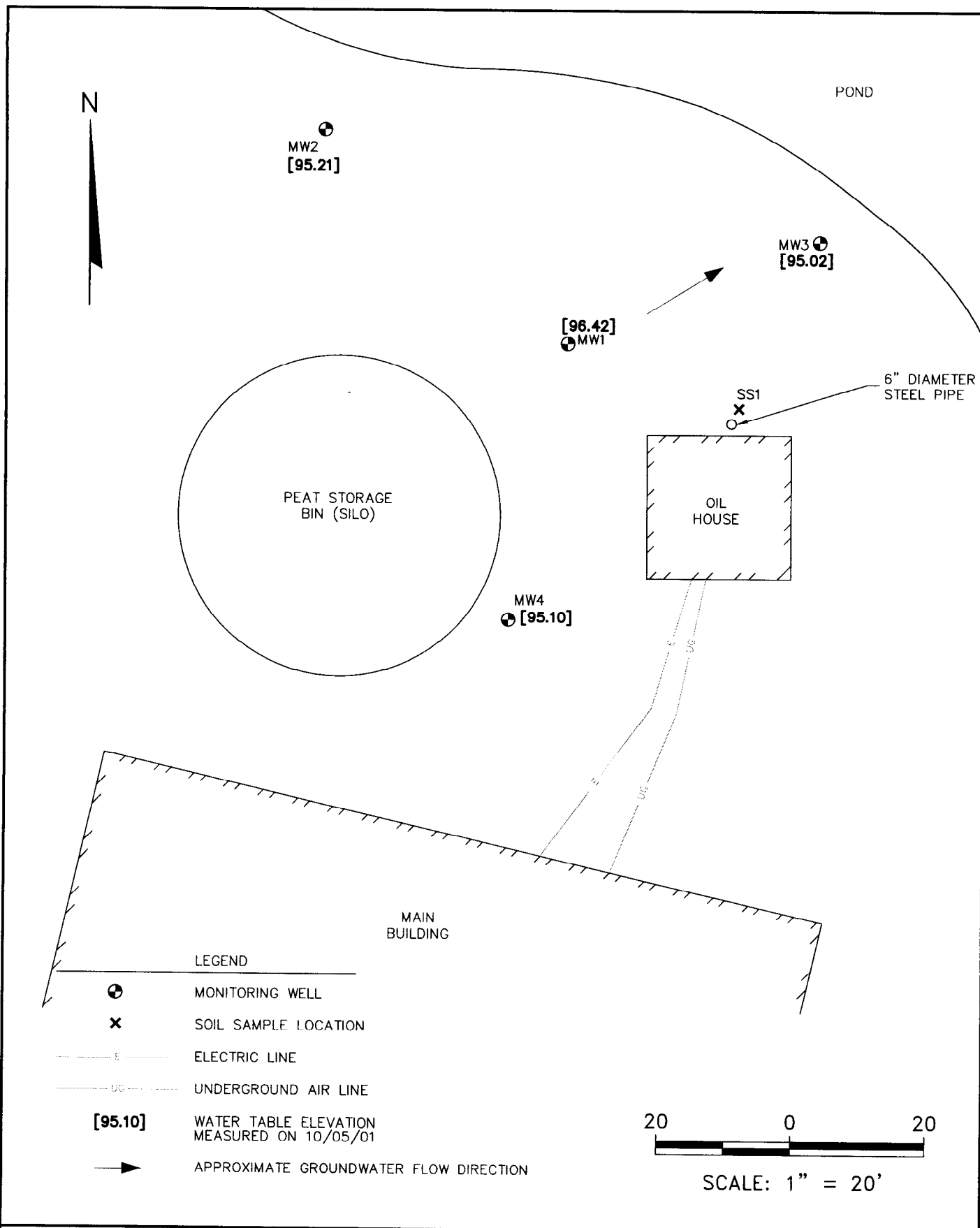
**NOTE:**

Bold values exceed NR 140 enforcement standards.

**LABORATORY NOTES:**

- (1) GRO analysis - Late eluting hydrocarbons present.
- (2) Benzene and MTBE analyses - Matrix interference.
- (3) Methylene chloride - Common lab solvent and contaminant.
- (4) MTBE analysis - Matrix interference.
- (5) 2,2-Dichloropropane analysis - Standard outside of control limits.
- (6) Toluene and xylene analyses - Results confirmed via re-analysis.
- (7) Toluene analysis - Results confirmed via re-analysis.

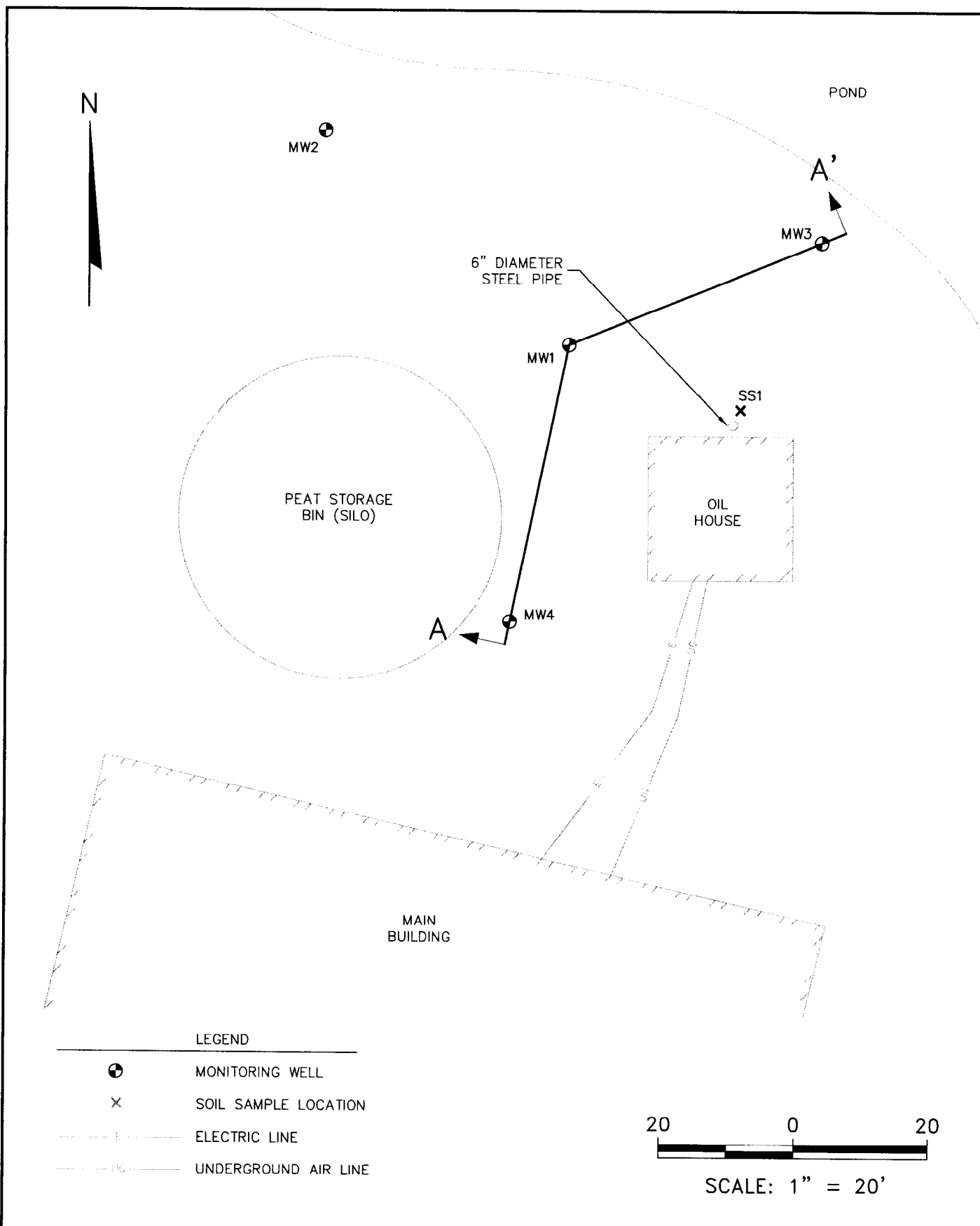
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FIGURE 5  
WATER TABLE MAP FOR 10/05/01  
LIPHATECH PROPERTY  
DELAFIELD, WISCONSIN





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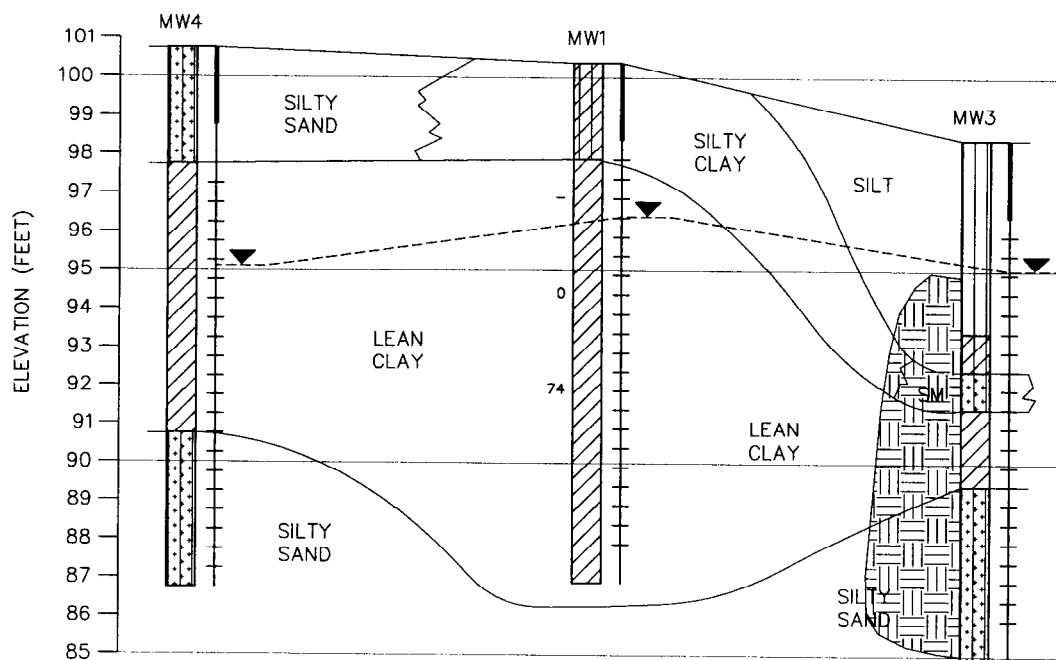
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FIGURE 6  
CROSS SECTION LOCATION MAP  
LIPHATECH PROPERTY  
DELAFIELD, WISCONSIN









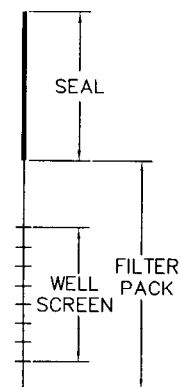
A

A'



## LEGEND

-  SILT (ML).
-  LEAN CLAY, LOW PLASTICITY (CL).
-  SILTY CLAY (ML-CL).
-  SAND, POORLY GRADED WITH SILT FINES (SP-SM).
- 25 FLAME IONIZATION DETECTOR READING
-  WATER TABLE ELEVATION
-  AREA WITH BENZENE > NR140 ENFORCEMENT STANDARD



TYPICAL WELL DETAIL



HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 5'  
 VERTICAL EXAGGERATION = 4X

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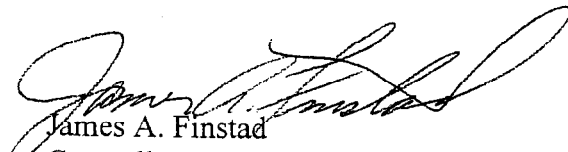
FIGURE 7  
 GEOLOGIC CROSS SECTION A-A'  
 LIPHATECH PROPERTY  
 DELAFIELD, WISCONSIN



## Statement by Responsible Party

The legal descriptions attached to this statement are complete and accurate for all the properties within the contaminated site's boundaries that have groundwater in excess of ch NR 140 enforcement standards.

Sincerely,



James A. Finstad  
Controller